

AMENDMENTS TO THE CLAIMS

DT04 Rec'd PCT/PTO 28 JUN 2004

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) A method of facilitating service delivery to a first user ~~(A)~~ registered with a home network ~~(home PLMN)~~ for a particular service having an associated service accessible to a service subsystem ~~(4, 9)~~ of said home network in a communications system while the first user ~~(A)~~ is roaming in a visited network ~~(visited PLMN)~~ of the communications system, ~~wherein~~ comprising:

initiating a connection ~~is initiated~~ between said first user ~~(A)~~ and a second user ~~(B)~~ registered with any network of said communications system ~~(101, 102)~~,

~~characterised by the further steps of:~~

a subsystem ~~(5')~~ of said visited network, sending an invocation of a service to said service subsystem ~~(9)~~ of said home network ~~(103)~~,

establishing call status data necessary for re-establishment of call state of said service subsystem,

storing said call status data in a storage of said service subsystem,

said service subsystem ~~(5, 9)~~ of said home network instructing said subsystem ~~(5')~~ of the visited network to set up a connection between the first user ~~(A)~~ via said subsystem ~~(5')~~ of the visited network to the service subsystem ~~(5, 9)~~ of the home network ~~(104)~~,

setting up said connection ~~(105)~~,

detecting, by the home network, the connection as a connection requiring Intelligent Network service, wherein the detecting includes calling a specific number,

delivering the associated service to the first user via said connection ~~(106, 107, 108)~~,

disconnecting the delivery of said associated service ~~(109, 110)~~, and

redirecting said connection from said first user ~~(A)~~ to said second user ~~(B)~~ ~~(111,~~  
~~112).~~

2. - 17 (Canceled)

18. (New) A method of facilitating service delivery to a first user registered with a home network for a particular service while the first user is roaming in a visited network of the communications system, the method comprising:

initiating a connection between said first user and a second user registered with any network of said communications system,

sending, by a subsystem of said visited network, an invocation of a service to a service subsystem of said home network which has access to an associated service for the particular service,

instructing, by said service subsystem of said home network, said subsystem of the visited network to set up a connection between the first user via said subsystem of the visited network to the service subsystem of the home network,

setting up said connection,

delivering the associated service to the first user via said connection,

disconnecting the delivery of said associated service, and

redirecting said connection from said first user to said second user.

19. (New) The method of claim 18, further comprising establishing call status data necessary for re-establishment of call state of said service subsystem.

20. (New) The method of claim 18, further comprising the home network detecting the connection as a connection requiring Intelligent Network service.

21. (New) The method of claim 20, wherein said detection is performed by a call to a specific number.

22. (New) The method of claim 18, further comprising storing said call status data in a storage of said service subsystem.

23. (New) The method of claim 22, wherein the method comprises, after the step of setting up said connection, the further step of retrieving said stored call status data of said connection from said memory means for use in delivering said service.

24. (New) The method of claim 18, wherein the steps of instructing said subsystem of the visited network to set up a connection, and setting up said connection, including the transfer of a call identity of said initiated connection.

25. (New) The method of claim 19, wherein the steps of instructing said subsystem of the visited network to set up a connection, and setting up said connection, including the transfer of said call status data.

26. (New) The method of claim 25, further comprising using said call status data to re-establish call state of said connection.

27. (New) The method of claim 19, wherein the call status data comprises the type of service, the number of the first user and the number of the second user.

28. (New) The method of any of the claims 21, wherein the call identity is a part of said specific number.

29. (New) The method of claim 18, wherein the associated service is an announcement.

30. (New) The method of claim 18, wherein said second user is identified as being within said home network of said first user.

31. (New) A data processing system for use in an electronic communication system facilitating service delivery to a first user registered with a home network for a particular service having an associated announcement accessible to a service subsystem of said home network in said communications system while the user is roaming in a visited network of the communications system, comprising

distributed computer processing means for processing data,  
storage means connected to said distributed computer processing means for storing data on a storage medium,

wherein that said distributed computer processing means of said communication system is configured to execute the method claim 1.

32. (New) A data processing system according to claim 31, wherein said communications system is a mobile communications system.

33. (New) A data processing system comprising:  
a computer processing means for processing data for use in a service subsystem of an electronic communication system facilitating service delivery to a first user registered with a home network for a particular service having an associated announcement accessible to said service subsystem of said home network in said communications system while the user is roaming in a visited network of the communications system,

a storage means connected to said computer processing means for storing data on a storage medium,

wherein said computer processing means of said service subsystem of said home network is configured to:

receive an invocation of a service from a subsystem of said visited network,

instruct said subsystem of the visited network to set up a connection between the first user via said subsystem of the visited network to the service subsystem of the home network,

delivering the associated service to the first user via said connection,

disconnect the delivery of said associated service, and  
redirect said connection from said first user to said second user.

34. (New) A data processing system according to claim 33, wherein said communications system is a mobile communications system.

35. (New) A computer program element comprising computer program code means to make a distributed data processing system for use in a communications system, facilitating service delivery to a first user registered with a home network for a particular service having an associated announcement accessible to a service subsystem of said home network in said communications system while the user is roaming in a visited network of the communications system, to perform the method of claim 1.